



*REBUILDING NEW JERSEY
TOGETHER*



2013

**BUILDING
SAFETY
CONFERENCE**

of New Jersey



Wednesday, May 1

Thursday, May 2

Friday, May 3



BALLY'S ATLANTIC CITY
Atlantic City, NJ



RUTGERS
Continuing Studies

Building Safety Conference of New Jersey
32nd Annual Spring Conference
Wednesday, Thursday, & Friday, May 1-3, 2013
Bally's

Conference Schedule

Wednesday, May 1, 2013

4:00PM-7:00PM	REGISTRATION	Conference Floor
6:00PM-8:00PM	CRACKERBARREL Roundtable discussions on various topics. Get your questions answered by the experts.	Grand Ballroom Conference Floor

Thursday, May 2, 2013

6:15AM-8:15AM	REGISTRATION	Conference Floor
6:00AM-7:45AM	BUFFET BREAKFAST	Ocean Ballroom Conference Floor
8:00AM-11:45AM	CONTINUING EDUCATION SEMINARS	
12:00PM-2:00PM	AWARDS LUNCHEON Annual event to honor Inspectors of the Year and Technical Assistant of the Year.	Traymore Ballroom Conference Floor – (Ticket required)
2:00PM-4:00PM	CONTINUING EDUCATION SEMINARS	
4:00PM-5:00PM	ASSOCIATION MEETINGS (if scheduled)	





Cinco de Mayo Party!



Come celebrate with the recipients of the Inspectors and Technical Assistant of the Year awards in a tropical atmosphere filled with hot music rhythms!

CenterStage Entertainment will help get us in the Cinco de Mayo mood with songs, contests and giveaways inspired by memories of beach parties old and new.

They've even provided a link to request your favorite songs! Please enter this link in your internet browser and, when prompted, use the password: gevelo to browse their music library, select requests, and include special notes about the requests you make for that special song for the reception this year!

<http://centerstageent.net/requests.asp?djidnumber=2936>

Don't forget to help set the mood by wearing your best (and appropriate) Cinco de Mayo apparel!



Friday, May 3, 2013

6:15AM-8:15AM REGISTRATION Conference Floor

6:00AM-7:45AM BUFFET BREAKFAST Ocean Ballroom
Conference Floor

8:00AM-1:00PM CONTINUING EDUCATION SEMINARS



Wednesday, May 1, 2013

4:00PM-7:00PM REGISTRATION Conference Floor
6:00PM-8:00PM WELCOME Arturo's Restaurant
Conference Floor

Wine Tasting at Bally's

Come join us this year and enjoy a sampling of wines from around the world with a Sommelier from Gallo Wines! Learn about wine pairings and selecting the right vintages and flavors to make your next gathering a success!

Thursday, May 2, 2013

6:15AM-8:15AM REGISTRATION Registration Booth - Conference Floor

8:00AM-10:00AM SPECIAL SPOUSE BUFFET BREAKFAST Arturo's Restaurant, Conference Floor
NEW THIS YEAR!

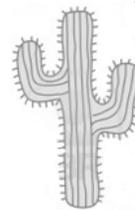
12:00PM-2:00PM AWARDS LUNCHEON Traymore Ballroom
Conference Floor
Annual event to honor Inspectors of the Year and Technical Assistant of the Year.

7:00PM-10:00PM AWARDS RECEPTION Ocean Ballroom

Cinco de Mayo Party!

Come celebrate with the recipients of the Inspectors and Technical Assistant of the Year awards in a tropical atmosphere filled with hot music rhythms!

CenterStage Entertainment will help get us in the Cinco de Mayo mood with songs, contests and giveaways inspired by memories of beach parties old and new. See more information on page 2.



Friday, May 3, 2013

8:00AM-10:00AM SPECIAL SPOUSE BUFFET BREAKFAST Arturo's Restaurant, Conference Floor
NEW THIS YEAR!

Enjoy Atlantic City

Spend your leisure time shopping, walking the Boardwalk or just relaxing.

CONTINUING EDUCATION SEMINARS

Many of the following seminars are available through the regular Spring 2013 education program, and some have been offered in previous semesters. Please select carefully, as credit will not be given for any seminar which has already been completed. The Division of Fire Safety will award reciprocal credit for those seminars marked with **♠**. The Board of Electrical Contractors will award reciprocal credit for those seminars marked with a bolt **⚡**. Approval for reciprocal credit with the Board of Electrical Contractors is pending for the electrical seminars marked with **P**.

Thursday, May 2

Seminar Title	Course Code	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	Reciprocal w/DFS	For dates/locations see page
The Foundation and Pillars of Ethics for Uniform Construction Code Officials • NEW	A500	X									♠	12
UCC Back to Basics • NEW	A504	X									♠	12
Code Enforcement Personnel and Developers Working Together - Permit Requirements through Certificate of Occupancy • NEW	A508	X									♠	9
Hurricane Sandy - Lessons Learned • NEW	A511	X									♠	11
General Relationships of the Enforcing Regulations	D174					X			X		♠	10
Fire Stop Inspection Techniques	D177		X			X					♠	10
Significant Changes to the NJ Edition 2012 IRC • NEW	D183		X			X					♠	12
2012 IFGC/IMC Update • NEW	D195		X			X	X	X			♠	8
Residential Fire Sprinkler Inspectors Training Program • NEW	D197					X	X				♠	11
Construction Disasters and Failures • NEW	D204		X			X			X		♠	9
Article 220 - Branch Circuit, Feeder, and Service Calculations	E155			⚡								8
Stallcup Illustrated Code Changes -2011 (2-day) • NEW	E201			P								12
2012 National Standard Plumbing Code and ICC Code Change Update for Plumbing Code Officials • NEW	P178						X					8

Friday, May 3

Seminar Title	Course Code	Admin	Building	Electrical	Elevator	Fire Protection	Plumbing	Mechanical	Multiple Dwelling	Special Inspector	Reciprocal w/DFS	For dates/locations see page
The Ten Timeless Laws of Leadership for Uniform Code Officials • NEW	A501	X									♠	15
Resolving Everyday Problems and Issues • NEW	A503	X									♠	15
UCC Special Inspections Program Requirements	D179	X	X								♠	15
Use Groups and Allowable Building Sizes in IBC 2012 • NEW	D184		X			X					♠	16
Understanding and Testing Smoke Control Systems • NEW	D186		X			X		X			♠	16
2012 IBC Significant Changes • NEW	D192		X			X					♠	13
Fire Proofing Inspection and Compliance • NEW	D198		X			X				SF	♠	14
Indoor Environmental Quality and Construction • NEW	D200		X						X		♠	14
Plumbing/Mechanical Systems - Energy Saving and Water Conservation w/Code Compliance Interaction • NEW	D202						X	X				14
Conductor Calculations Based on Various Conditions of Use	E139			⚡								13
Stallcup Illustrated Code Changes -2011 (2-day) • NEW	E201			P								12
Common Violations Found in Plan Review and Inspection of Water, Gas and Combustion Air • NEW	P175						X					13

⚡ The Board of Electrical Contractors will award reciprocal credit for this seminar
P Approval for reciprocal credit from the Board of Electrical Contractors is pending for this seminar

♠ The Division of Fire Safety will award reciprocal credit for this seminar
SF Spray-Applied Fireproofing special inspector seminar

Wednesday, May 2

D195 ▲ NEW

2012 IFGC/IMC UPDATE

**Instructor: James Quigley,
International Code Council
May 2**

This seminar provides an overview of the changes from 2009 IFGC to the 2012 IFGC and the 2009 IMC to the 2012 IMC. It identifies changes in organization and code requirements and the applicability of these requirements to design, plan review and inspection.

Participants have the option of receiving building, fire, plumbing and mechanical special inspector subcode duplicate credit for completion of this technical seminar. 0.5 CEU

P178 NEW

2012 NATIONAL STANDARD PLUMBING CODE AND ICC CODE CHANGE UPDATE FOR PLUMBING CODE OFFICIALS

**Instructor: Fritz Reuss
May 2**

To ensure that proper administration and enforcement of the code occurs, this seminar reviews code changes to the 2012 National Standard Plumbing Code as compared to the 2009 NSPC. In addition, applicable code changes within the 2012 International Mechanical Code and International Fuel Gas Code (as compared to the 2009 version), for which the Plumbing Code Official is

responsible, are also evaluated. The participants will gain a fundamental understanding of the reasoning behind the code changes and why the portions of the code were added, modified or deleted. Manufacturers' literature, where available, is reviewed during the seminar to reinforce the new code requirements. 0.5 CEU

E155 ✎

ARTICLE 220-BRANCH CIRCUIT, FEEDER, AND SERVICE CALCULATIONS

**Instructor: Tom Pernal Electrical Seminars, LLC
May 2**

This seminar provides inspectors and design professionals with the knowledge to perform plan review, design, and inspection of branch circuit, feeder, and service installations. NEC Article 220 is the main source of content for this seminar. NEC Chapter 3 and 4 and other interrelated articles are also referenced and utilized for examples, sample calculations, and worksheets. 0.5 CEU

A508 ▲ NEW

CODE ENFORCEMENT PERSONNEL AND DEVELOPERS WORKING TOGETHER - PERMIT REQUIREMENTS THROUGH CERTIFICATE OF OCCUPANCY

**Instructor: Brenda Sirkis
May 2**

This seminar is designed to provide attendees with an opportunity to discuss the permit process and learn how developers and Technical Assistants can work together. Attendees will experience the actual interactions that occur between a Technical Assistant and a developer through a project case study. The project is shown from the time of pre-submittal meetings and permit requirements through the certificate of occupancy. During this practical approach seminar, attendees will discuss the responsibilities of both parties throughout the permit process and the requirements of the Uniform Construction Code. To better understand the entire construction process, the participants will review project meetings notes, completed forms, plans, inspection photographs, reports and drawing revisions for an actual build-out in small groups. 0.5 CEU

D204 ▲ NEW CONSTRUCTION DISASTERS AND FAILURES

**Instructor: Thomas Yotka
May 2**

Engineering failures and disasters have forced model code development organizations to react and have significantly impacted the way we conduct our daily operations. This seminar provides a detailed examination of historical structural collapses and large fire losses with the expectation that participants will be able to identify the root causes and subsequent design errors that contributed to these events. Through a forensic approach, we will analyze how engineering failures have led to historical significant code changes. At the conclusion of the seminar, participants will be able to identify some of the inherent risks involved in the construction industry, the synergistic relationship that exists among building systems, and how the alteration of one component impacts the entire structure.

Participants have the option of receiving building, fire and hotel multiple dwelling subcode duplicate credit for completion of this technical seminar. 0.5 CEU

D177 
**FIRE STOP INSPECTION
TECHNIQUES**

**Instructor: John Sinisi & Val
O'Connor**

May 2

This seminar addresses special inspection techniques and reviews international standards for compliance and code enforcement for fire and smoke rated construction. This session provides professional education on tested systems combined with the practical experience and knowledge of qualified third party fire stop inspectors. It highlights NFPA 221, Challenge Fire Barriers and discusses best practices for inspection needed to meet ASTM E-2174 for Through penetrations and ASTM E-2393 for Fire Rate Joint Systems. The participants will discuss case studies on projects including Miami International Airport, Bank of America World Headquarters, Cherry Hill Towers and various projects throughout New York, New Jersey, Pennsylvania and one in Costa Rica! The presenters have extensive experience with high rise, health care, hotel, data center, dormitory, mission critical and sub-station barrier protection inspection. **Participants have the option of receiving building and fire subcode for completion of this technical seminar. 0.5 CEU**

D174 
**GENERAL RELATIONSHIPS
OF THE ENFORCING
REGULATIONS**

Instructor: John Daniels

May 2

This seminar is designed to enhance the participants' knowledge of the relationship between the regulations. These changing regulations require an understanding of how they connect to each other and how they ultimately have an effect on everyone. A review of the direct and indirect references will show this relationship. A resource method is shown that will enable participants to identify other enforcing agencies and their contact information. **Participants have the option of receiving fire and hotel multiple dwelling subcode duplicate credit for completion of this technical seminar. 0.5 CEU**

Spouse's Registration

The 2013 Building Safety Conference will offer a spouse registration which includes the opportunity to attend any and all of the conference events you select below. Please indicate your choices for the Welcome Event, Breakfasts, Awards Luncheon, and/or the Awards Reception on the Registration Form below.

The registration fee for your spouse is \$125. To register for your spouse, please complete the Registration Form below, then detach and return it to us along with the Inspector's Registration Form and complete payment. (Make check payable to: **Building Safety Conference of New Jersey**) *For detailed registration instructions, please turn to the "Registration" section of this brochure. NOTE: Be sure to fill out this form completely, including the selection of ALL activities you will be attending.*

2013 Building Safety Conference Spouse's Registration Form

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Daytime Phone: _____ Home Phone: _____

Name of inspector you are accompanying: _____

Inspector's UCC License No.: _____

Registration Form

Name: _____ UCC License No./Registration No.: _____

Spouse's Name (if Attending): _____

Address: _____

City: _____ State: _____ Zip: _____

Municipality: _____ Title: _____

PLEASE NOTE THAT THE MUNICIPALITY AND TITLE YOU LIST WILL BE ON YOUR CONFERENCE NAME BADGE

Daytime Phone: _____ Home Phone: _____ Email: _____

Please indicate which day(s) you will be attending the conference: May 1 May 2 May 3

Make check payable to **Building Safety Conference. Please note that no vouchers will be accepted after March 22, 2013.**

BE SURE TO CHECK ALL THE BOXES FOR THE EVENTS YOU WILL ATTEND:

1. **Crackerbarrel Roundtable session on May 1, (6:00 PM - 8:00 PM)** YES NO
2. **Will your spouse be attending?** (If yes, please enclose the Spouse's Registration Form and payment) YES NO
3. **Breakfast on Thursday, May 2, (6:00 AM-7:45 AM)** YES NO
4. **Awards Luncheon, Thursday, May 2, (12:00 PM-2:00 PM)** (Ticket required) YES NO
5. **Awards Reception, Cinco de Mayo Party, Thursday, May 2 (7:00 PM-10PM)** YES NO
6. **Breakfast on Friday May 3, (6:00AM-7:45AM)** YES NO

Indicate your seminar choice(s) by marking an "A" (first choice) and a "B" (second choice) for each day you attend the conference.

Thursday, May 2

Administrative Seminars

- (A508) Code Enforcement Personnel and Developers Working Together - Permit Requirements through Certificate of Occupancy
- (A500) The Foundation and Pillars of Ethics for Uniform Construction Code Officials
- (A504) UCC Back To Basics
- (A511) Hurricane Sandy – Lessons Learned

Building Seminars

- (D195) 2012 IFGC/IMC Update
- (D204) Construction Disasters and Failures
- (D177) Fire Stop Inspection Techniques
- (D183) Significant Changes to the NJ Edition 2012 IRC

Electrical Seminars

- (E155) Article 220 – Branch Circuit, Feeder, and Service Calculations
- (E201) Stallcup Illustrated Code Changes -2011 (2-day)

Fire Seminars

- (D195) 2012 IFGC/IMC Update
- (D204) Construction Disasters and Failures
- (D177) Fire Stop Inspection Techniques
- (D174) General Relationships of the Enforcing Regulations
- (D197) Residential Fire Sprinkler Inspectors Training Program
- (D183) Significant Changes to the NJ Edition 2012 IRC

Plumbing Seminars

- (D195) 2012 IFGC/IMC Update
- (P178) 2012 National Standard Plumbing Code and ICC Code Change Update for Plumbing Code Officials
- (D197) Residential Fire Sprinkler Inspectors Training Program

Mechanical Seminars

- (D195) 2012 IFGC/IMC Update

Multiple Dwelling Seminars

- (D204) Construction Disasters and Failures
- (D174) General Relationships of the Enforcing Regulations

Friday, May 3

Administrative Seminars

- (A503) Resolving Everyday Problems and Issues
- (A501) The Ten Timeless Laws of Leadership for Uniform Code Officials
- (D179) UCC Special Inspections Program Requirements

Building Seminars

- (D192) 2012 IBC Significant Changes
- (D198) Fire Proofing Inspection and Compliance
- (D200) Indoor Environmental Quality and Construction
- (D179) UCC Special Inspections Program Requirements
- (D186) Understanding and Testing Smoke Control Systems
- (D184) Use Groups and Allowable Building Sizes in IBC 2012

Electrical Seminars

- (E139) Conductor Calculations Based on Various Conditions of Use
- (E201) Stallcup Illustrated Code Changes -2011 (2-day)

Fire Seminars

- (D192) 2012 IBC Significant Changes
- (D198) Fire Proofing Inspection and Compliance
- (D186) Understanding and Testing Smoke Control Systems
- (D184) Use Groups and Allowable Building Sizes in IBC 2012

Plumbing Seminars

- (P175) Common Violations Found in Plan Review and Inspection of Water, Gas and Combustion Air
- (D202) Plumbing/Mechanical Systems - Energy Saving and Water Conservation w/Code Compliance Interaction

Mechanical Seminars

- (D202) Plumbing/Mechanical Systems - Energy Saving and Water Conservation w/Code Compliance Interaction
- (D186) Understanding and Testing Smoke Control Systems

Special Inspector

- (D198) Fire Proofing Inspection and Compliance

Multiple Dwelling Seminars

- (D200) Indoor Environmental Quality and Construction

PLEASE CHECK (✓) ALL THE ACTIVITIES YOU WISH TO ATTEND:

Wednesday, May 1, 2013

- Welcome Event - Arturo's Restaurant (6:00PM-8:00PM)

Thursday, May 2, 2013

- Buffet Breakfast – Arturo's Restaurant (Conference floor, *ticket required*) (8:00AM-10:00AM)
- Awards Luncheon (Conference floor, *ticket required*) (12:00PM-2:00PM)
- Awards Reception and Cinco de Mayo Party (7:00PM-10:00PM)

Friday, May 3, 2013

- Buffet Breakfast – Arturo's Restaurant (Conference floor, *ticket required*) (8:00AM-10:00AM)

A511 ▲ NEW
HURRICANE SANDY- LESSONS
LEARNED

Instructor: John Terry, Lou Mraw
and other DCA staff

May 2

On October 29th 2012, Super Storm Sandy, the most devastating storm ever to strike New Jersey, made landfall. It caused unprecedented destruction to municipalities along New Jersey's coastline and to several major New Jersey cities. This seminar will cover the response and recovery. It will focus on the problems that code officials faced -- and continue to face -- with the layers of rules and regulations that apply. Federal Emergency Management Agency's (FEMA) rules, Department of Environmental Protection (DEP) regulations, and the Uniform Construction Code (UCC) rules for reconstruction projects and requirements for raising a home will all be discussed. The seminar will also address protocols for emergency inspections, including disconnecting and reconnecting utilities, in the immediate aftermath of a storm. Finally, the seminar will feature an open discussion to encourage the presentation of ideas of better ways to quickly serve the public during -- and after --an emergency. 0.5 CEU

D197 ▲ NEW
RESIDENTIAL FIRE
SPRINKLER INSPECTORS
TRAINING PROGRAM

Instructor: Julius Ballanco, JB
Engineering

May 2

The International Residential Code (IRC) added design requirements to the plumbing section of the IRC (Section P2904). The design requirements in the IRC parallel NFPA 13D, with minor differences. This seminar provides participants with an understanding of the unique aspects of residential sprinkler systems. This seminar addresses the design requirements including the basics for the layout of the system. In addition, the simplified hydraulic calculations are covered using the IRC. Participants will learn a quick method used for inspecting one- and two-family dwellings and townhouses that simplify the process for the inspector in the field. **Participants have the option of receiving fire and plumbing subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

**D183 ▲ NEW
SIGNIFICANT CHANGES
TO THE 2012 NJ EDITION
OF THE INTERNATIONAL
RESIDENTIAL CODE (IRC)**

**Instructor: Jack Boekhout
Consulting LLC**

May 2

This seminar provides participants with the significant changes from the 2009 NJ Edition of the IRC to the 2012 NJ Edition of the IRC. The student needs to be aware of the changes in order to be prepared to deal with plan review and inspection when the new code is adopted. **Participants have the option of receiving building and fire subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

**E201 ✎ (pending) NEW
STALLCUP'S ILLUSTRATED
CODE CHANGES – 2011- 2-DAY**

**Instructor: James Stallcup,
Grayboy, Inc.**

May 2 & 3

A practical knowledge of the NEC is essential to every electrical inspector. That knowledge combined with proper understanding of complex code issues will not only provide the inspector with a level of confidence while doing his or her work but will eventually earn him the respect of those whose work he is inspecting. This seminar is a power point presentation of clear, helpful illustrations that presents vital information not only to the

inspectors, but other industry professionals and will provide a sound technical foundation for applying the Code. 1.0 CEU

**A500 ▲ NEW
THE FOUNDATIONS AND
PILLARS FOR UCC OFFICIALS**

**Instructor: David Nenno, Ethics
Law Consulting Services**

May 2

Participants will review the provisions of ethical standards contained in the Local Government Ethics Law with the duties and responsibilities of Code Officials in the UCC to sharpen their understanding of the prohibitions regarding their official actions and financial involvements. Case histories and class participation exercises provide valuable insights regarding the circumstances that lead to ethical lapses in judgment such as the dangers of gifts, impaired objectivity, favoritism, family and business relationships, dishonesty and complacency. 0.5 CEU

**A504 ▲ NEW
UCC BACK TO BASICS**

**Instructor: Lynn Mizer, Linda
Aiello & Dawn Neil**

May 2

The goal of this seminar is to update the Technical Assistant & Code Official's knowledge regarding pertinent changes affecting their job responsibilities, as well as to

promote the uniformity of the New Jersey Uniform Construction Code. In addition, this seminar provides information aimed at elimination or significant reduction of inconsistencies from department to department by clarifying specific issues from the Department of Community Affairs and the regulations. Some of the topics discussed are UCC Form Acceptance, Inspection Procedures, Fee Schedules, Certificates, and Local CCO Ordinances. 0.5 CEU

Thursday, May 3

**D192 ▲ NEW
2012 SIGNIFICANT CHANGES
TO THE INTERNATIONAL
BUILDING CODE**

**Instructor: James Quigley,
International Code Council**

May 3

This seminar offers an overview of the changes from the 2009 to the 2012 IBC. It identifies changes in organization and code requirements and the applicability of these requirements to design, plan review and inspection. This course uses the Significant Changes to the International Building Code 2012 Edition handout designed to assist code users in identifying the specific code changes that have occurred and, more importantly, understanding the reason behind the change.

Participants have the option of receiving building and fire subcode duplicate credit for completion of this technical seminar. 0.5 CEU

**P175 NEW
COMMON VIOLATIONS
FOUND IN PLAN REVIEW AND
INSPECTION OF WATER, GAS
AND COMBUSTION AIR**

Instructor: Anthony Gargani

May 3

This seminar will provide the requirements for enforcing water, combustion air and gas sizing regulations. It will equip officials with the tools to identify common violations and how to eliminate them. 0.5 CEU

**E139 ✎
CONDUCTOR
CALCULATIONS BASED ON
VARIOUS CONDITIONS OF
USE**

**Instructor: Tom Pernal Electrical
Seminars, LLC**

May 3

This seminar provides inspectors with the knowledge to perform plan review and inspection under a variety of conductor conditions of use. Calculations are a large part of this presentation. Scenarios depicting installations with multiple conditions of use make this seminar interesting, challenging, and informative. This seminar enables plan reviewers and inspectors to verify code compliance at both the plan review and field inspection stages. 0.5 CEU

D198 ▲ NEW FIRE PROOFING INSPECTION AND COMPLIANCE

**Instructor: John P. Sinisi
Consulting, LLC**

May 3

This seminar provides education on proven techniques to perform accurate spray applied fire proofing and smoke seal inspection for all types of new and existing construction.

The seminar covers tested systems combined with the practical experience and knowledge of qualified third party fire proofing inspectors. This seminar brings attendees up to speed with NFPA 221, Challenge Fire Barriers and discusses best practices for inspection needed to meet ASTM E-605 and ASTM E-736 for Thickness, Density, Adhesion and Cohesion performance. The participants will discuss case studies on projects including steel and fireproofing inspection in the northeast, Miami International Airport, Bank of America World Headquarters, Cherry Hill Towers and various projects throughout New York, Pennsylvania and one in Costa Rica! **Participants have the option of receiving building, fire and special inspector (spray-applied fireproofing) subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

D200 ▲ NEW INDOOR ENVIRONMENTAL QUALITY AND CONSTRUCTION

**Instructor: Joseph Ponessa
May 3**

This course surveys and prioritizes the indoor pollutants that impact health and examines the ways in which pollutants can be minimized in new construction. The course begins with a discussion of priority pollutants (particularly with regards to new construction), their origin, detection, health impacts and ways to manage/minimize them. Additional topics include design approaches, material selection and ASHRAE 62.2 (residential ventilation). **Participants have the option of receiving building and hotel multiple dwelling subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

D202 NEW PLUMBING/MECHANICAL SYSTEMS - ENERGY SAVING AND WATER CONSERVATION WITH CODE COMPLIANCE INTERACTION

**Instructor: Fritz Reuss
May 3**

This seminar provides an in-depth evaluation of plumbing/mechanical energy saving and water conserving products and their interaction with the construction code requirements. The seminar analyzes how the new energy conserving and water conserving systems interrelate with

the energy code, mechanical code and the plumbing code. Participants can expect to review specific code compliance examples, as well as evaluate water conserving “green” plumbing and mechanical systems against specific code requirements. **Participants have the option of receiving plumbing and mechanical subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

A503 ▲ NEW RESOLVING EVERYDAY PROBLEMS AND ISSUES Instructor: Lynn Mizer & Valerie Waricka May 3

Resolving everyday problems and issues is a part of the building department’s daily experience whether you are working in an office or out in the field. In an effort to have uniformity throughout all building departments, this seminar prepares staff for unexpected events and specific issues. The Uniform Construction Code, Municipal Procedures Manual, Construction Officials Commentary and Construction Code Communicator articles, as well as interaction with other departments, professionals, contractors, residents and other entities outside of the building department are some of the topics incorporated into the presentation. This is an interactive seminar that allows participants to discuss problems and bring concerns that occur in their office. 0.5 CEU

A501 ▲ NEW THE TEN TIMELESS LAWS OF LEADERSHIP FOR UCC OFFICIALS

**Instructor: David Nenno, Ethics
Law Consulting Services
May 3**

This course enhances the continuing professional development of code officials through a survey of effective management principles that maximize leadership potential. Officials will review ethical standards and UCC provisions regarding duties, responsibilities and conflicts of interest as they internalize the Timeless Leadership Laws of Empowerment, Momentum, Magnetism, and seven others. Some of the topics explored include: the importance of teamwork, trust, customer service, delegation of authority and personal integrity in their profession. 0.5 CEU

D179 ▲ UCC SPECIAL INSPECTIONS PROGRAM REQUIREMENTS

**Instructor: John Daniels
May 3**

This seminar is designed to identify and explain the requirements and procedures of the Special Inspections Requirement within the UCC (N.J.A.C. 5:23-2.20) and NJ 2009 IBC. The topics to be discussed include the Statement of Inspections, the various types of special inspections, identification of when these inspections are necessary, the independent 3rd

party inspection agency/inspectors, and the submission of reports and closing documents to the code official. Discussions will include the requirements relating to both new and rehabilitation projects.

Participants have the option to receive building subcode credit for completion of this administrative seminar. 0.5 CEU

D186 ▲ NEW UNDERSTANDING AND TESTING SMOKE CONTROL SYSTEMS

**Instructor: Robert Davidson,
Davidson Code Concepts
May 3**

With increases in the number of high rise buildings and large atrium spaces in modern architectural design, the management of smoke and fire gases has become more challenging. Based upon the 2012 I-Codes, this seminar discusses when smoke control systems must be used, their relationship and dependence on other building systems and explains how modern building codes are moving from simple, ineffective air change requirements to using fire modeling and rational analysis based design. In addition, this seminar addresses smoke venting, where it is required and how it differs from smoke control, as well as concepts of smoke movement and control. Changes that have occurred in the I-Codes will be reviewed. **Participants have the option of receiving building, fire**

and mechanical special inspector subcode duplicate credit for completion of this technical seminar. 0.5 CEU

D184 ▲ NEW USE GROUPS AND ALLOWABLE BUILDING SIZES USING THE IBC 2012

**Instructor: Jack Boekhout
Consulting LLC
May 3**

Over the years the definitions of various uses has changed, some several times. With the adoption of the international codes many of the uses have changed to a certain degree. Students will review the requirements for all Use Groups, then move on to Construction Types and review how to adjust the allowable size of structures using all of the information from tables 503 and 602 with adjustments available. Practice problems and practical solutions are offered during this seminar. **Participants have the option of receiving building and fire subcode duplicate credit for completion of this technical seminar.** 0.5 CEU

GENERAL INFORMATION

The registration fee is **\$150 per person**. The registration fee includes **ANY AND ALL EVENTS** you select on your registration form.

Please return the Registration Form(s) with complete payment. All payments must be received in this office by **Friday, April 12**. If this is not possible, you must bring cash or a personal check to be paid at the Conference registration. Make check, money order, or voucher payable to **Building Safety Conference of New Jersey**. No vouchers will be accepted after **Friday, March 22**. For detailed registration instructions please see the "Registration" section of this brochure.

Confirmations will be sent approximately 10 days before the conference. **Bring your confirmation** with you to the registration booth to receive your conference packet which includes your activities, tickets, name badge, etc. If your fees have not been paid you will be directed to the problem registration area.



HOTEL RESERVATIONS

It is strongly recommended that any hotel reservations for the 2013 conference be made through Bally's internet registration system, using the internet link below:

<http://www.totalrewards.com/hotel-reservations?propCode=BAC&groupCode=GBBSC3>

Reservations can also be made by telephone directly with Bally's. To make reservations, you may call **1-888-516-2215**, between 9 a.m. and 4 p.m. Please reference the group code **GBBSC3**.

**Hotel reservations must be made no later than
TUESDAY, APRIL 2, 2013.**

The conference rate per night is quoted per room, single or double occupancy, at the rate of \$80 (SAME LOWER RATE!) for hotel rooms, \$20 extra per person. Please be aware that Atlantic City imposes a \$3 Tourism Fee and \$7 Room Assessment Fee for each hotel room, per night; which is not included in the Building Safety Conference room rate. When issuing a check, money order, or voucher, please be sure to include this fee for each night you book a room. To ensure that you are charged the special conference rate, you must (1) tell the operator that you will be participating in the Building Safety Conference of New Jersey, group code **GBBSC3** and (2) make your overnight reservation with the hotel by **Tuesday, April 2nd, 2013**. After this date, the conference rate will no longer be available. You must use your credit card to guarantee your reservation. Check-in time at the hotel is 4:00PM. The hotel requires that you have a credit card with you at the time of check-in. Check-out time is 12:00 noon. We encourage you to use Express Checkout; instructions are available in your hotel room. Parking is available to all overnight guests for \$5.00 per stay, subject to change without notice at the hotel's discretion.

REGISTRATION INSTRUCTIONS

1. Choose the seminar(s) you would like to attend from those listed in the brochure. Remember to select **one seminar for each day** you are attending the conference. We also request that you indicate a second choice since many classes fill up very quickly.
2. Complete the registration form, providing all information requested. Indicate your seminar choice(s) by marking an "A" (first choice) and a "B" (second choice) for each day you attend the conference. If someone accompanying you will be registering under the spouse registration, please be certain to indicate this on the form, and include the completed Spouse's Registration Form, found in this brochure.
3. Fill out all sections of the registration form and answer all the questions.
4. Payment must be made via check, money order, or voucher, and must be made payable to the **Building Safety Conference of New Jersey**. Please note that a voucher will reserve your seminar space, but this office **MUST** receive your payment prior to the conference.
Also, no vouchers will be accepted after March 22.
Our Federal Tax Identification number is 22-2777775. **Any payment that is made out incorrectly will be returned to the sender, resulting in a delay in registration.**
5. Detach the completed registration form(s), enclose payment, and mail to:

Building Safety Conference
c/o DCA Education Unit
PO Box 816, Trenton, NJ 08625-0816

Please DO NOT make checks payable to DCA

Note:

*The **FINAL DEADLINE** for receipt of all registration forms and payment is **April 12, 2013** (unless payment is made by voucher, in which case it must be received by **March 22**). Materials received after this date will not be accepted.*

NO REFUNDS will be honored unless requests are received by DCA, in writing, no later than Thursday, April 25, 2013.

**BUILDING SAFETY CONFERENCE
OF NEW JERSEY COMMITTEE**

Michael Baier

Department of Community Affairs

James Castle

Municipal Elevator Safety Inspection Association of NJ

John Delesandro

Department of Community Affairs

Robert Downey

Municipal Electrical Inspectors Association

Gary Lewis

NJ Fire Prevention and Protection Association

Kevin Luckie

Department of Community Affairs

Robert Mittermaier

Building Officials Association of NJ

Debbie Timko

NJ Association of Technical Assistants

Anthony Gargani

NJ Plumbing Inspectors Association

Martin Vogt

Building Officials Association of NJ

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